

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	715	717/136.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/02 17:14
L2	312	717/136.ccls. and (action or task or processes) same (possible or possibility or predicat\$3 or guard or boolean or condition\$4 )	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/02 17:16
L3	49	717/136.ccls. and (action or task or processes) same (possible or possibility or predicat\$3 or guard or boolean or condition\$4 ) and (tag or label or identifier ) near5 (map\$4 or associat\$3 or match\$3 )	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/02 17:17
L4	49	717/136.ccls. and (action or task or processes) same (possible or possibility or predicat\$3 or guard or boolean or condition\$4 ) and (tag or label or identifier ) near5 (map\$4 or associat\$3 or match\$3 )	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/02 17:17
S1	575	717/100.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 14:10
S2	108	717/117.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 14:10
S3	566	717/136.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 14:10
S4	1528	(legacy or cobol) and (conditional or boolean or predicate ) and (action or event) and (relat\$7 or associat\$3 or map\$4 or group\$3 ) and (tag\$4 or annotat\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 14:19
S5	175	717/???ccls. and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 14:14

## EAST Search History

S6	97	717/???.ccls. and S4 and (extract\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 14:14
S7	61	717/???.ccls. and S4 and (extract\$3 ) and (business or enterprise)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 14:14
S8	82	717/???.ccls. and (legacy or cobol) and (conditional or boolean or predicate ) and (action or event) and (relat\$7 or associat\$3 or map\$4 or group\$3 ) and (tag\$4 or annotat\$3 or identifier ) and (extract\$3 ) and (business or enterprise)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 14:16
S9	958	(conditional or boolean or predicate )same (tag\$4 or annotat\$3 or identifier ) and (extract\$3 ) and (business or enterprise)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 14:16
S10	76	(conditional or boolean or predicate )same (tag\$4 or annotat\$3 or identifier ) and (extract\$3 ) and (business or enterprise) and 717/???.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 14:16
S11	16	S8 and S10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 14:16
S12	1509	(legacy or cobol) and (reuse or compatib\$5 ) and (conditional or boolean or predicate ) and (action or event) and (relat\$7 or associat\$3 or map\$4 or group\$3 ) and (tag\$4 or annotat\$3 or identifier )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 14:19
S13	330	(legacy or cobol) same (reuse or compatib\$5 ) and (conditional or boolean or predicate ) and (action or event) and (relat\$7 or associat\$3 or map\$4 or group\$3 ) and (tag\$4 or annotat\$3 or identifier )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 14:20
S14	1108	(legacy or cobol) same (reuse or compatib\$5 ) and (business or enterprise)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 14:20

## EAST Search History

S15	30	(legacy or cobol) same (reuse or compatib\$5 ) and (conditional or boolean or predicate ) and (action or event) and (relat\$7 or associat\$3 or map\$4 or group\$3 ) and (tag\$4 or annotat\$3 or identifier ) and 717/???.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 14:34
S16	0	(cobol) same (reuse or compatib\$5 or extract\$3 ) and identify\$3 near5 (conditional or boolean or predicate ) and identify\$3 near5 (action or event)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 14:39
S17	126	(reuse or compatib\$5 or extract\$3 ) and identify\$3 near5 (conditional or boolean or predicate ) and identify\$3 near5 (action or event)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 14:54
S18	3238	conditional near3 (statement or instruction) same (annotat\$4 or group\$3 or tag\$4 or select\$3 or determin\$5 ) and (asociat\$4 or action or event or function or procedure or method) same (associat\$3 or annotat\$4 or group\$3 or tag\$4 or select\$3 or determin\$5 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 14:56
S19	362	conditional near3 (statement or instruction) same (annotat\$4 or group\$3 or tag\$4 or select\$3 or determin\$5 ) and (asociat\$4 or action or event or function or procedure or method) same (associat\$3 or annotat\$4 or group\$3 or tag\$4 or select\$3 or determin\$5 ) and (legacy nera3 reuse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 14:59
S20	24	conditional near3 (statement or instruction) same (annotat\$4 or group\$3 or tag\$4 or select\$3 or determin\$5 ) and (asociat\$4 or action or event or function or procedure or method) same (associat\$3 or annotat\$4 or group\$3 or tag\$4 or select\$3 or determin\$5 ) and (legacy nera3 reuse) and (group\$3 near5 condition\$2 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:08

## EAST Search History

S21	1	convert\$3 near5 cobol and conditional near3 (statement or instruction) same (annotat\$4 or group\$3 or tag\$4 or select\$3 or determin\$5 ) and (asociat\$4 or action or event or function or procedure or method) same (associat\$3 or annotat\$4 or group\$3 or tag\$4 or select\$3 or determin\$5 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:09
S22	5	convert\$3 near5 cobol and conditional near3 (statement or instruction)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:12
S23	1	(convert\$3 or transform\$3 ) near5 cobol and ((information or metadata) near3 (condition\$2 or predicate) ) same (statement or instruction)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:15
S24	18	(convert\$3 or transform\$3 ) near5 cobol and ((information or metadata) near3 (condition\$2 or predicate) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:40
S25	8	("5742827").URPN.	USPAT	OR	OFF	2006/10/02 15:38
S26	2810259	(convert\$3 or transform\$3 ) near5 cobol (condition\$2 or predicate) and (action or event or procedure or function or method)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:41
S27	311	717/143.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:41
S28	162	717/143.ccls. and S26	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:44
S29	44	extract\$3 near5 "business logic"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:46

## EAST Search History

S30	5	extract\$3 near5 "business logic" and cobol	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:47
S31	17	extract\$3 near5 "business logic" and legacy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:47
S32	12	S31 not S30	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 16:01
S33	7	"6199068" and cobol	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 16:02
S34	0	"6199068.pn." and cobol	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 16:09
S35	0	"6199068.pn." and condition\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 16:25
S36	0	"6199068.pn." and predicate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 16:09
S37	0	"6199068.pn." and branch\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 16:09
S38	0	"6199068.pn." and jump\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 16:09
S39	0	"6199068.pn." and (if near2 then)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 16:10

## EAST Search History

S40	0	"6199068.pn." and condition\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 16:25
S41	0	"6199068.pn." and conditional	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 16:50
S42	0	"20030225811" and cobol	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 16:50
S43	295710	(tags or elements or annotat\$4 ) same ( condition\$3 or boolean or predicat\$3 ) and (action or function\$5 or process\$3 or behavior or procedure or method) and (relate\$6 or associat\$3 or map\$4 or group\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 13:11
S44	32019	(tags or elements or annotat\$4 ) same ( condition\$3 or boolean or predicat\$3 ) same (action or function\$5 or process\$3 or behavior or procedure or method) same (relate\$6 or associat\$3 or map\$4 or group\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 13:12
S45	32864	(tags or elements or annotat\$4 ) same ( condition\$3 or boolean or predicat\$3 ) same (action or function\$5 or process\$3 or behavior or procedure or method) same (relate\$6 or associat\$3 or map\$4 or group\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 13:11
S46	32864	(tags or elements or annotat\$4 ) same ( condition\$3 or boolean or predicat\$3 ) same (action or function\$5 or process\$3 or behavior or procedure or method) same (relate\$6 or associat\$3 or map\$4 or group\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 13:12
S47	10925	(tags or elements or annotat\$4 ) near3 ( condition\$3 or boolean or predicat\$3 ) and ( condition\$3 or boolean or predicat\$3 ) same (action or function\$5 or process\$3 or behavior or procedure or method) same (relate\$6 or associat\$3 or map\$4 or group\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 13:13

## EAST Search History

S48	11610	(tag\$4 or elements or annotat\$4 ) near3 ( condition\$3 or boolean or predicat\$3 ) and (tag\$4 or elements or annotat\$4 ) near3 (action or function or functionality or process\$3 or behavior or procedure or method) and (relat\$3 or relatedness or associat\$3 or map\$4 or group\$3 ) near5 (action or function\$3 or functionality or process\$3 or behavior or procedure or method)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 13:55
S49	236	(tag\$4 or elements or annotat\$4 ) near3 ( condition\$3 or boolean or predicat\$3 ) and (tag\$4 or elements or annotat\$4 ) near3 (action or function or functionality or process\$3 or behavior or procedure or method) and (relat\$3 or relatedness or associat\$3 or map\$4 or group\$3 ) near5 (action or function\$3 or functionality or process\$3 or behavior or procedure or method) and (business near5 (logic or evaluat\$3 or decision) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 13:57
S50	14929	(condition\$2 near3 satisfied) same (execut\$3 or perform\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 14:04
S51	7559	("business logic" or decision or evaluat\$3 ) same (correspond\$3 or map\$3 or associat\$3 or related or relating) near3 (action or assign\$4 or comput\$3 or functionality or methodology )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 14:45
S52	1	("business logic" or decision or evaluat\$3 ) same (correspond\$3 or map\$3 or associat\$3 or related or relating) near3 (action or assign\$4 or comput\$3 or functionality or methodology ) and (map\$4 or extract\$3 ) near3 COBOL	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 14:48
S53	0	(S49 and S50 and S51) and (map\$4 or extract\$3 or associat\$3 or relate\$3 or relatedness ) near3 COBOL	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 14:49

## EAST Search History

S54	0	(S49 and S50 and S51) and (map\$4 or extract\$3 or associat\$3 or relate\$3 or relatedness ) same COBOL	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 14:49
S55	81	(S49 S50 S51) and (map\$4 or extract\$3 or associat\$3 or relate\$3 or relatedness ) same COBOL	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 15:10
S56	463	(condition\$2 or boolean or (if near2 else) ) and (map\$4 or extract\$3 or associat\$3 or relate\$3 or relatedness ) same COBOL	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 15:11
S57	306	(condition\$2 or boolean or (if near2 else) ) and (map\$4 or extract\$3 or associat\$3 or relate\$3 or relatedness ) same COBOL and (translat\$3 or transform\$5 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 15:12
S58	303	(condition\$2 or boolean or (if near2 else) ) and (map\$4 or extract\$3 or associat\$3 or relate\$3 or relatedness ) same COBOL and (translat\$3 or transform\$5 ) and (business or logic or decision or evaluation or enterprise or work )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 15:13
S59	200	(condition\$2 or boolean or (if near2 else) ) and (map\$4 or extract\$3 or associat\$3 or relate\$3 or relatedness ) same COBOL and (translat\$3 or transform\$5 ) same (business or logic or decision or evaluation or enterprise or work )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 15:14
S60	63	(condition\$2 or boolean or (if near2 else) ) and (map\$4 or extract\$3 or associat\$3 or relate\$3 or relatedness ) same COBOL and cobol same (translat\$3 or transform\$5 ) same (business or logic or decision or evaluation or enterprise or work )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 15:14
S61	336	(business near5 logic) and (generat\$3 or creat\$3 or form\$3 or group\$3 or produc\$4) near3 handler and (event or state or status or condition\$4 or information or value or statement or tag\$4 or group\$3 or set\$4 or list\$3 or packag\$3 or identify\$3 or identification)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/15 16:20



## EAST Search History

S62	335	(business near3 logic) and (generat\$3 or creat\$3 or form\$3 or group\$3 or produc\$4) near3 handler and (event or state or status or condition\$4 or information or value or statement or tag\$4 or group\$3 or set\$4 or list\$3 or packag\$3 or identify\$3 or identification)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/15 16:22
S63	276	(business near3 logic) and (generat\$3 or creat\$3 or form\$3 or group\$3 or produc\$4) near3 handler same (event or state or status or condition\$4 or information or value or statement or tag\$4 or group\$3 or set\$4 or list\$3 or packag\$3 or identify\$3 or identification or "event handler" )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 15:18
S64	15	(business near3 logic) and (generat\$3 or creat\$3 or form\$3 or group\$3 or produc\$4) near3 handler same (event or state or status or condition\$4 or information or value or statement or tag\$4 or group\$3 or set\$4 or list\$3 or packag\$3 or identify\$3 or identification or "event handler" ) and cobol	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/15 16:24
S65	0	(transform\$5 or translat\$3 or convert\$3 or conversion) near3 cobol and (business near3 logic) and (generat\$3 or creat\$3 or form\$3 or group\$3 or produc\$4) near3 handler same (event or state or status or condition\$4 or information or value or statement or tag\$4 or group\$3 or set\$4 or list\$3 or packag\$3 or identify\$3 or identification or "event handler" )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 15:19
S66	1	(transform\$5 or translat\$3 or convert\$3 or conversion or map\$4 ) near3 cobol and (business near3 logic) and (generat\$3 or creat\$3 or form\$3 or group\$3 or produc\$4) near3 handler same (event or state or status or condition\$4 or information or value or statement or tag\$4 or group\$3 or set\$4 or list\$3 or packag\$3 or identify\$3 or identification or "event handler" )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 15:21

## EAST Search History

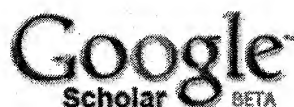
S67	6	(transform\$5 or translat\$3 or convert\$3 or conversion or map\$4 ) near3 cobol and (generat\$3 or creat\$3 or form\$3 or group\$3 or produc\$4) near3 (handler or "event handler" ) same (event or state or status or condition\$4 or information or value or statement or tag\$4 or group\$3 or set\$4 or list\$3 or packag\$3 or identify\$3 or identification or "event handler" )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 15:30
S68	6	(transform\$5 or translat\$3 or convert\$3 or conversion or map\$4 ) near3 (legacy or cobol) and (generat\$3 or creat\$3 or form\$3 or group\$3 or produc\$4) near3 (handler or "event handler" ) same (event or state or status or condition\$4 or information or value or statement or tag\$4 or group\$3 or set\$4 or list\$3 or packag\$3 or identify\$3 or identification or "event handler" ) and cobol	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 15:32
S69	6	(transform\$5 or translat\$3 or convert\$3 or conversion or map\$4 ) near5 (legacy or cobol) and (generat\$3 or creat\$3 or form\$3 or group\$3 or produc\$4) near3 (handler or "event handler" ) same (event or state or status or condition\$4 or information or value or statement or tag\$4 or group\$3 or set\$4 or list\$3 or packag\$3 or identify\$3 or identification or "event handler" ) and cobol	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 15:32
S70	32	(transform\$5 or translat\$3 or convert\$3 or conversion or map\$4 ) same (legacy or cobol) and (generat\$3 or creat\$3 or form\$3 or group\$3 or produc\$4) near5 (handler or "event handler" ) same (event or state or status or condition\$4 or information or value or statement or tag\$4 or group\$3 or set\$4 or list\$3 or packag\$3 or identify\$3 or identification or "event handler" ) and cobol	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 15:33
S71	26	S70 not S69	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 15:33

## EAST Search History

S72	81180	( (business or enterprise or interprise or work\$4 ) near "5" logic) and (boolean or guard\$3 or condition\$4 or semaphore or mutex or if or while or else or then) same (action or task or process\$3 or work or behavior or function\$5 or procedure or step) and (tag\$4 or meta or "meta language" or element) and (relat\$3 or relatedness or relationship or associat\$3 or map\$4 or group\$4 or organiz\$5 ) and source and (translat\$2 or transform\$3 or compil\$5 or cross )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 08:04
S73	42	extract\$3 near3 "business logic"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 08:05
S74	86767	(conditional\$2 or boolean or predicat\$3 or guard\$3 or ( ( if or while) near3 (then or else)) ) same (action or step or process\$3 or activit\$3 or task or work\$4 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 08:08
S75	13659	S72 and S74	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 08:09
S76	6	S73 and S75	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 08:09
S77	77	("6199068").URPN.	USPAT	OR	OFF	2007/06/07 09:17
S78	1	"6654950".pn.	USPAT	OR	OFF	2007/06/07 09:18
S79	27	("5291583"   "5315709"   "5546577"   "5678039"   "5678044"   "5708828"   "5710727"   "5724272"   "5752008"   "5754830"   "5768564"   "5815149"   "5828897"   "5842204"   "5857103"   "5870749"   "5923879"   "5970490"   "6031992"   "6031993"   "6067579"   "6199068"   "6345243"   "6345244").PN. OR ("6654950").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/07 09:32
S80	1654	717/13?.ccls. and (middleware or (back\$3 near server) or business or enterprise or interprise ow work\$4 )	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/07 09:34

## EAST Search History

S81	322	717/13?.ccls. and (middleware or (back\$3 near server) or business or enterprise or interprise ow work\$4 ) and (condition\$4 or trigger\$3 or rule\$5 or event or decision or polic\$3 or boolean or ( (if or while) near2 (then or else) ) or predicat\$3 or guard\$3 ) same (action or activit\$3 or task or (work\$3 near3 (function\$5 or process\$3 or schedul\$3 )) ) and source	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/07 09:43
S82	323	717/13?.ccls. and (middleware or (back\$3 near server) or (middle near2 tier) or business or enterprise or interprise ow work\$4 ) and (condition\$4 or trigger\$3 or rule\$5 or event or decision or polic\$3 or boolean or ( (if or while) near2 (then or else) ) or predicat\$3 or guard\$3 ) same (action or activit\$3 or task or (work\$3 near3 (function\$5 or process\$3 or schedul\$3 )) ) and source	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/07 09:53
S83	77	717/13?.ccls. and (middleware or (back\$3 near server) or (middle near2 tier) or business or enterprise or interprise ow work\$4 ) and (condition\$4 or trigger\$3 or rule\$5 or event or decision or polic\$3 or boolean or ( (if or while) near2 (then or else) ) or predicat\$3 or guard\$3 ) same (action or activit\$3 or task or (work\$3 near3 (function\$5 or process\$3 or schedul\$3 )) ) and (source near3 source )	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/02 17:13


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**Legacy Asset Management - all 2 versions »**

C Slee, M Slovin - Information Systems Management, 1997 - informaworld.com  
 ... Category 3: High Business Value, Low Technical **Condition**; **Action**: Redvelop.  
 About half of **legacy** systems fall into this cate- gory. ...  
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**Reengineering Legacy Applications using Design Patterns - all 6 versions »**

K Lano, N Malik - Proceeding of the 8th IEEE International Workshop on ..., 1997 - doi.ieeecs.org  
 ... the existing procedural patterns in the **legacy** software to ... Examples of such **transformation** are given below for ... condi- tions until no such **condition** remains, ...  
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**[PS] Component-based systems, composite applications and workflow-management - all 3 versions »**

R Schmidt - Proceedings Workshop Foundations of Component-Based Systems, ..., 1997 - cs.iastate.edu  
 ... Wfms connect several **legacy** applications together in an workow and ... is done, the fullment of a **condition** at the ... it is neces- sary to **transform** business process ...  
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**[BOOK] Challenging Codes: collective action in the information age - all 5 versions »**

A Melucci - 1996 - books.google.com  
 ... possibilities and constraints of **action** can **transform** the word ... what was known of that **condition** to deductive ... wrest the causes of the collective **action** from it. ...  
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**Reverse engineering from assembler to formal specifications viaprogram transformations - all 15 versions »**

MP Ward - Reverse Engineering, 2000. Proceedings. Seventh Working ..., 2000 - ieeeexplore.ieee.org  
 ... to restructure and sim- plify the **legacy** systems and ... A is the set of applicability conditions for the **transformation**. ... If B is any **condition** and SI, S2 and S3 ...  
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**Assembler to C Migration using the FermaT Transformation System - all 16 versions »**

M Ward - IEEE International Conference on Software Maintenance (ICSM ..., 1999 - doi.ieeecomputersociety.org  
 ... automated conversion facilities; (c) Allow **legacy** code to ... conditional as- signments to the **condition** code (cc ... **transformation** can be applied to **transform** the do ...  
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**An Active Approach to Model Management for Evolving Information Systems - all 2 versions »**

H Gustavsson, B Lings, B Lundell - Second International Workshop on Evolution and Change

in ..., 2002 - Springer

... cooperative development, helps in avoiding **legacy** problems when ... can be used to bring about that **transformation**. ... uses an ECA (Event **Condition Action**) format for ...

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**Experiments With XML Based Transformations of Software Models - all 4 versions »**

B Demuth, H Hussmann, S Obermaier - Workshop on Transformations in UML, 2001 - ase.arc.nasa.gov

... be transformed into the target code, and a **condition** under which ... 2.3 Any-Code-to-UML **transformation** ... approach for object-oriented redesign of **legacy** code (Cobol ...

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**Rule-based query optimization, revisited - all 5 versions »**

LB Warshaw, DP Miranker - Proceedings of the eighth international conference on ..., 1999 - portal.acm.org

... from the rule-system allowing **legacy** rewrite rules ... Transformation and implementation modules grouped by ... In Figure 1, the **condition** in the Get-Node-to ...

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**[book] Advanced Database Systems - all 3 versions »**

C Zaniolo - 1997 - books.google.com

... a SQL for Smarties: Advanced SQL Programming Joe Celko Migrating **Legacy** Systems: Gateways ... 1 1.2.3 **Transformation** to Higher-D Points 11.2.4 Conclusions 1 1.3 ...

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M Ward - IEEE International Conference on Software Maintenance (ICSM ..., 1999 - doi.ieeecomputersociety.org

... (The **COBOL** parser is ... **Transformation Engine**: This is the heart of the FermaT ... translated

assembler code, removing dispatch calls and **condition** code references ...

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#### [Illustration of a decision table tool for specifying and implementing knowledge based systems - all 5 versions »](#)

J Vanthienen, E Dries - Tools with Artificial Intelligence, 1993. TAI'93. ..., 1993 - ieexplore.ieee.org

... A procedure to perform the **transformation** between propositional expert systems and ...

list (figure 1) is made of all **condition** and **action statements** that are ...

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#### [\[PS\] Reverse engineering through formal transformation - all 12 versions »](#)

M Ward - The Computer Journal, 1994 - dur.ac.uk

... programming languages (for example, Assem- bler to **COBOL**). ... A program **transformation**

is an operation which ... Expressions and **conditions** (formulae) in WSL are ...

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#### [Concept recognition-based program transformation](#)

A Engberts, W Kozaczynski, J Ning, A Consulting, ... - Software Maintenance, 1991., Proceedings. Conference on, 1991 - ieexplore.ieee.org

... ple, the user wants to **transform** only those IF **statements** which are part of a search through an array (a data item with an OCCURS clause in **COBOL**) called CUST ...

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#### [An introduction to the WSL program transformer](#)

T Bull - Software Maintenance, 1990., Proceedings., Conference on, 1990 - ieexplore.ieee.org

... reordering a **conditional statement** by negating its test **condition**. ... IBM 370 as-sembler

and **Cobol** and these ... all these types, but the **transformation** catalogue is ...

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#### [An architecture for automated software maintenance - all 12 versions »](#)

A Sellink, C Verhoef - ..., 1999. Proceedings. Seventh International Workshop on, 1999 - ieexplore.ieee.org

... hours to implement the **conditional** transformations from ... interpretation, compi-lation

or **transformation**) and generates ... McCabe button of the **COBOL**—plus window ...

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[A practical program transformation system for reverse engineering - all 8 versions »](#)

MP Ward, KH Bennett - Reverse Engineering, 1993., Proceedings of Working ..., 1993 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)

... similar to our pro- gram **transformation** method ... using Morgan's specification **statement**

[16] and ... must be accompanied by suitable invariant **condition** and variant ...

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[Transform conditional: a reengineering pattern language - all 5 versions](#)

»

S Demeyer, S Ducasse, O Nierstrasz - Proceedings of Europlop'2000, 2000 - [iam.unibe.ch](http://iam.unibe.ch)

... limited to the procedural paradigm and languages like **Cobol**. ... **Transform** Client **Conditional** to Polymorphism ... case **statements**, but look for **conditions** that test ...

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[Program Analysis by Formal Transformation - all 16 versions »](#)

MP Ward - The Computer Journal, 1996 - [dur.ac.uk](http://dur.ac.uk)

... in high level languages (including C and **COBOL**). ... must be accompanied by suitable

invariant **conditions** and variant ... rather than selecting a **transform**- ation to ...

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[Term rewriting for sale - all 12 versions »](#)

MGJ van den Brand, P Klint, C Verhoef - Second International Workshop on Rewriting Logic and its ..., 1998 - [cs.vu.nl](http://cs.vu.nl)

... The **COBOL** programs that we **transform** have at the ... LOC program takes less than a minute

to **transform**. ... equations are translated to **conditional statements** in this ...

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